

a first pipeline means connecting said heat exchanger and said first reservoir, said first pipeline means for transferring the cooling water between said heat exchanger and said first reservoir;

a heat-absorbing board means positioned in said building for absorbing air heat in said building by using a fluid; and

a second pipeline means connecting said heat exchanger and said heat-absorbing board means for transferring the fluid between said heat exchanger and said heat-absorbing board means.

22. (new) The passive energy saving system of Claim 21, wherein said heat-absorbing board means is positioned below said heat exchanger, and said heat exchanger is positioned below said first reservoir.

23. (new) The passive energy saving system of Claim 21, said building having a window, the system further comprising;

a cooling means positioned on said window of said building for cooling air entering said building.

24. (new) The passive energy saving system of Claim 23, wherein said cooling means is positioned below said heat-absorbing board means.

25. (new) The passive energy saving system of Claim 23, wherein said cooling means comprises:

a cooler means for absorbing air heat entering said building; and

a third pipeline means connecting said heat-absorbing board means and said cooler means.

26. (new) The passive energy saving system of Claim 25, wherein said cooling means further comprises a photocatalyst filter and an active carbon filter for purifying air entering said building.

27. (new) The passive energy saving system of Claim 21, further comprising:
a second reservoir positioned below said building; and
a pump means for transferring the cooling water from said second reservoir to said first reservoir.

28. (new) The passive energy saving system of Claim 27, further comprising:
a fourth pipeline means connecting said second reservoir and said heat exchanger, said pump means for transferring the cooling water from said second reservoir to said first reservoir through said fourth pipeline means and said first pipeline means.

29. (new) The passive energy saving system of Claim 21, further comprising an air circulation module, wherein said air circulation module comprises:

an air inlet positioned in said building;
an air outlet positioned in said building; and
a first heat-exchanging pipe means positioned in said first reservoir and connecting said air inlet and said air outlet, said first heat exchanging pipe means for allowing air in said building to flow thereinto through said air inlet by buoyancy and to flow into said building through said air outlet after being cooled by the cooling water in said first reservoir.

30. (new) The passive energy saving system of Claim 29, wherein said air circulation module further comprises an air purifier positioned between said air inlet and said first heat-exchanging pipe means.

31. (new) The passive energy saving system of Claim 29, wherein said air circulation module further comprises a solar energy collector positioned between said air inlet and said first heat-exchanging pipe means.

32. (new) The passive energy saving system of Claim 31, wherein the solar energy collector comprises:

a heat-absorbing plate; and

a plurality of helical coils connected to said heat-absorbing plate.

33. (new) The passive energy saving system of Claim 31, wherein the air circulation module further comprises:

a hot water tank positioned between said solar energy collector and said first heat-exchanging pipe means; and

a second heat-exchanging pipe means positioned in said hot water tank, said second heat-exchanging pipe means for absorbing air heat heated by said solar energy collector so as to warm up water in said hot water tank.

34. (new) The passive energy saving system of Claim 31, wherein the air circulation module further comprises:

a first control valve positioned between said first reservoir and said solar energy collector;

a bypass pipeline positioned between said solar energy collector and said air outlet; and

a second control valve positioned on said bypass pipeline.

35. (new) A passive energy saving system comprising:

a building having a roof:

a first reservoir positioned on said roof of said building, wherein the first reservoir includes a first heat-exchanging pipe and cooling water;

an air inlet means positioned in said building for conducting air in said building into said first heat-exchanging pipe; and

an air outlet means positioned in said building and connected to said first heat-exchanging pipe for conducting air cooled by the cooling water into said building.

36. (new) The passive energy saving system for a building of Claim 35, further comprising an air purifier positioned between said air inlet means and said first heat-exchanging pipe.

37. (new) The passive energy saving system of Claim 35, further comprising a solar energy collector positioned between said air inlet means and said first heat-exchanging pipe.

38. (new) The passive energy saving system of Claim 37, wherein said solar energy collector comprises:

a heat-absorbing plate; and

a plurality of helical coils connected to said heat-absorbing plate.

39. (new) The passive energy saving system of Claim 37, further comprising:

a hot water tank positioned between said solar energy collector and said first heat-exchanging pipe; and

a second heat-exchanging pipe positioned in said hot water tank, wherein said second heat-exchanging pipe absorbs air heat heated by said solar energy collector so as to warm up water in said hot water tank.

40. (new) The passive energy saving system of Claim 37, further comprising:

a first control valve positioned between said first reservoir and said solar energy collector;

a bypass pipeline positioned between said solar energy collector and said air outlet;

and

a second control valve positioned on said bypass pipeline.